Assignment 1

Please use the Pandas and Numpy libraries to answer the question I posed in the document. You will create a markdown cell with the question in it and then answer the question in the next cell.

1. Load in the appropriate csv file as a pandas dataframe (batting.csv)
2. Print out the dimensions and info about the dataframe you just created

For next part I am going to ask you a series of question, for some I am going to want to simply see a number. For others I will want to see the entire dataframe. I will make it very clear which is which.

1. How many players have hit 40 or more HRs in one single season? (Number only)
2. How many players have hit more than 600 HRs for their career? (Dataframe)
3. How many players have hit 40 2Bs, 10 3Bs, 200 Hits, and 30 HRs (inclusive) in one season? (Number Only)
4. How many players have had 100 or more SBs in a season? (Dataframe)
5. How many players in the 1960s have hit more than 200 HRs? (Dataframe)
6. Who has hit the most HRs in history? (Dataframe)
7. Who had the most hits in the 1970s? (Dataframe)
8. Top 5 highest OBP (on base percentage) with at least 500 PAs in 1977? (Dataframe)
9. Top 8 highest averages in 2013 with at least 300 PAs? (Dataframe)
10. Leaders in hits from 1940 up to and including 1949. (Dataframe)
11. Who led MLB with the most hits the most times? And how many times? (Dataframe, Number)